

Amendments to the Specification

Please replace paragraph [0013] with the following amended paragraph:

[0013] Moreover, the use of spectrophotometric monitoring of deep tissues and organs for oxygenation, ~~indocyanine~~ indocyanine green clearance and other like spectrophotometric phenomenon is, at best, difficult and cumbersome with the currently available devices.

Please replace paragraph [0015] with the following amended paragraph:

[0015] The present invention overcomes the practical problems described above and offers new advantages as well. One object of the invention is to provide a diagnosing and monitoring device. According to this object of the invention, one aspect of the invention is to provide a diagnosing and monitoring device adapted to allow spectrophotometric analysis of deep tissues and organs for oxygenation, ~~indocyanine~~ indocyanine green clearance and other phenomenon. In accordance with another aspect of the invention there is provided a diagnosing and monitoring device adapted for monitoring surgical flaps and grafts despite tenuous blood supplies or the need for remote positioning of the device in a patient's body. According to yet another aspect of the invention there is provided a diagnosing and monitoring device adapted to allow continuous monitoring of a vital condition of a patient or a tissue, in for example, a trauma situation.